

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.-37. (Canceled)

38. (Previously Presented) A cell free medium obtained following growth of a microorganism transformed to express a DNA sequence encoding a fusion product in which hPTH(1-84) is fused at its N-terminus with a leader sequence, wherein:

- (a) said leader sequence is cleavable by said microorganism upon production of said fusion product;
- (b) said cell free medium comprises a PTH fraction; and
- (c) said PTH fraction consists essentially of intact hPTH(1-84) molecules.

39. (Previously Presented) The cell free medium according to claim 38, wherein the PTH fraction consists essentially of intact hPTH(1-84) molecules.

40. (Canceled)

41. (Previously Presented) A method for obtaining intact hPTH(1-84), comprising

- (a) obtaining the cell free medium of claim 38; and
- (b) treating said medium to isolate intact hPTH(1-84).

42.-56. (Canceled)

57. (Previously Presented) The cell free medium of claim 38, wherein the microorganism is yeast or *E. coli*.

58. (Previously Presented) The cell free medium of claim 39, wherein the microorganism is yeast or *E. coli*.

59. (Previously Presented) The method of claim 41, wherein the microorganism is yeast or *E. coli*.

60. (New) A cell free medium obtained following growth of a microorganism transformed to express a DNA sequence encoding a fusion product in which hPTH(1-84) is fused at its N-terminus with a leader sequence, wherein:

- (a) said leader sequence is cleavable by said microorganism upon production of said fusion product;
- (b) said cell free medium comprises a PTH fraction; and
- (c) PTH fraction consists essentially of intact hPTH(1-84) molecules, wherein said hPTH(1-84) is more than 90% pure.